

## Rabbit Anti-Somatostatin 14/PE Conjugated antibody

SL11796R-PE

<b>Product Name</b>	Anti-Somatostatin 14/PE
<b>Chinese Name</b>	PE 标记的生长抑素 14 抗体
<b>Alias</b>	Growth hormone release inhibiting factor; SMS_HUMAN; SMST; SST; Somatostatin 14; Somatostatin14; Somatostatin-14; somatostatin SS14; Somatostatin 28; Somatostatin28; Somatostatin-28; somatostatin SS28.
<b>Research Area</b>	Neurobiology Stem cells Growth factors and hormones The cell membrane 受体 G protein-coupled receptor G protein signal
<b>Immunogen Species</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>React Species</b>	Mouse,Rat(predicted:Human,Chicken,Pig,Cow,Sheep) IF=1:200-800
<b>Applications</b>	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight</b>	3.1kDa
<b>Form</b>	Lyophilized or Liquid
<b>Concentration</b>	1mg/ml
<b>immunogen</b>	KLH conjugated synthetic peptide derived from human Somatostatin 14
<b>Lsotype</b>	IgG
<b>Purification</b>	affinity purified by Protein A
<b>Storage Buffer</b>	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>Storage</b>	
<b>Product Detail</b>	<b>background:</b> The hormone somatostatin has active 14 aa and 28 aa forms that are produced by alternate cleavage of the single preproprotein encoded by this gene. Somatostatin is expressed throughout the body and inhibits the release of

numerous secondary hormones by binding to high-affinity G-protein-coupled somatostatin receptors. This hormone is an important regulator of the endocrine system through its interactions with pituitary growth hormone, thyroid stimulating hormone, and most hormones of the gastrointestinal tract. Somatostatin also affects rates of neurotransmission in the central nervous system and proliferation of both normal and tumorigenic cells. [provided by RefSeq, Jul 2008].

**Function:**

Somatostatin inhibits the release of somatotropin.

**Subcellular Location:**

Secreted.

**Similarity:**

Belongs to the somatostatin family.

**Database links:**

[Entrez Gene: 396279](#) Chicken

[Entrez Gene: 280932](#) Cow

[Entrez Gene: 6750](#) Human

[Entrez Gene: 20604](#) Mouse

[Entrez Gene: 24797](#) Rat

[Omim: 182450](#) Human

[SwissProt: P33094](#) Chicken

[SwissProt: P26917](#) Cow

[SwissProt: P61278](#) Human

[SwissProt: P60041](#) Mouse

[SwissProt: P60042](#) Rat

[Unigene: 12409](#) Human

[Unigene: 34418](#) Rat

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.



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